



**Product information**

**RS2-5TX**

**943 732-003**

Name		RS2-5TX
		
		Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Delivery informations		
Availability		available
Product description		
Description		Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Port type and quantity		5 x 10/100Base-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type		RS2-5TX
Order No.		943 732-003
More Interfaces		
Power supply/signaling contact		1 plug-in terminal block, 5-pin / no signal contact
Network size - length of cable		
Twisted pair (TP)		0 - 100 m
Network size - cascading		
Line - / star topology		any
Power requirements		
Operating voltage		24 V DC (-25% to +30%)
Current consumption at 24 V DC		max. 130 mA
Power consumption		max. 2,6 W at 24 V DC
Service		
Diagnostics		LEDs (power, link status, data, error)
Redundancy		
Redundancy functions		redundant 24 V power supply
Ambient conditions		
Operating temperature		0 °C to +60 °C
Storage/transport temperature		-25 °C to +70 °C
Relative humidity (non-condensing)		10% to 95%
MTBF		116.3 years; MIL-HDBK 217F: Gb 25 °C
Mechanical construction		
Dimensions (W x H x D)		40 mm x 145 mm x 80 mm
Mounting		DIN Rail 35 mm
Weight		520 g
Protection class		IP 20
Mechanical stability		
IEC 60068-2-27 shock		15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration		3.5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min.
EMC interference immunity		
EN 61000-4-2 electrostatic discharge (ESD)		4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field		10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)		2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage		power line: 1 kV (line/earth), 0.5 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity		10 V (150 kHz - 80 MHz)
EMC emitted immunity		
FCC CFR47 Part 15		FCC CFR47 Part 15 Class A
EN 55022		EN 55022 Class A

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



#### Approvals

**Safety of industrial control equipment** cUL 508

**Hazardous locations** ISA 12.12.01 Class 1 Div. 2

#### Scope of delivery and accessories

**Scope of delivery** device, terminal block, operating manual

**Accessories to order separately** rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame